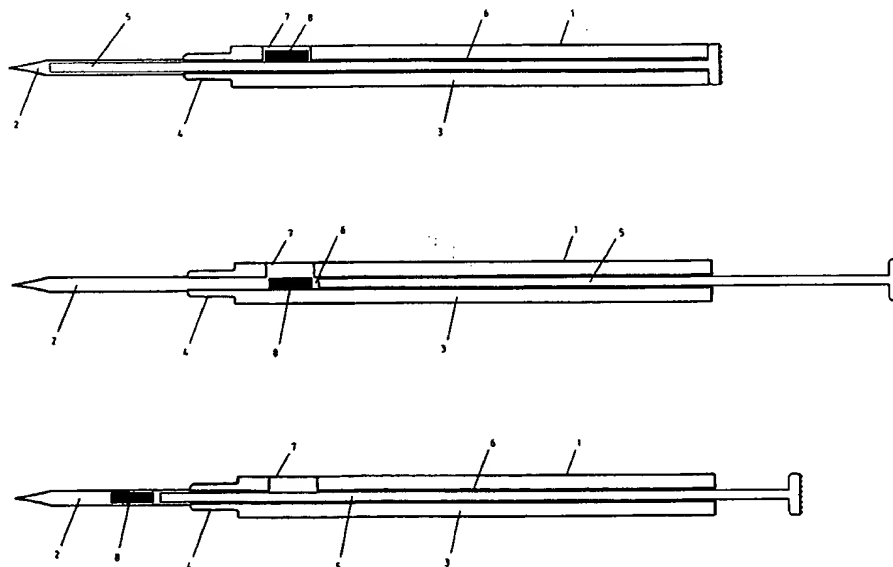


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<b>(21) International Application Number:</b> PCT/EP98/03712 <b>(22) International Filing Date:</b> 16 June 1998 (16.06.98) <b>(30) Priority Data:</b> 97201891.5 20 June 1997 (20.06.97) EP (34) Countries for which the regional or international application was filed: NL et al. <b>(71) Applicant (for all designated States except US):</b> AKZO NOBEL N.V. [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> HAAN DE, Pieter [NL/NL]; Amsteleindstraat 32, NL-5345 AW Oss (NL). BOS, Thomas, Jakob [NL/NL]; Prof. Oudstraat 13, NL-5344 JR Oss (NL). <b>(74) Agent:</b> KRAAK, H.; P.O. Box 20, NL-5340 BH Oss (NL).		<b>(81) Designated States:</b> AL, AU, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GW, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

(54) Title: PRELOADED IMPLANTATION DEVICE



## (57) Abstract

Disclosed is an implantation device (1) comprising a hollow needle (2), preferably of the type having a chamfered tip profile, and a body (3) adjoining the needle part comprising a plunger (5), preferably having a chamfered tip profile capable of blending with the needle tip profile. The device is made preloadable by being provided with a chamber (7) capable of holding an implant (8), which chamber is positioned radially outside the periphery of the plunger (5) and has a directly or indirectly open connection to a channel (6) surrounding the plunger. The plunger is capable of closing off and opening up the chamber by being displaced.